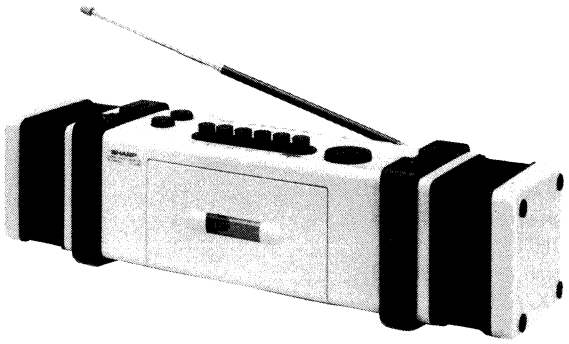
QT-S360H/E
QT-S360X/A/C

SHARP

SERVICE MANUAL/SERVICE-ANLEITUNG/MANUEL DE SERVICE

S07F1QTS360HK



QT-S360H/E
(Y/R)
QT-S360X/A/C
(Y/BL/R/W)

PHOTO: QT-S360H(Y)

Note for users in UK
Recording and playback of any material may require consent which SHARP is unable to give. Please refer particularly to the provisions of Copyright Act 1956, the Dramatic and Musical Performers Protection Act 1958, the Performers Protection Acts 1963 and 1972 and to any subsequent statutory enactments and orders.

- In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.
- Im Interesse der Benutzer-Sicherheit sollte dieses Gerät wieder auf seinen ursprünglichen Zustand eingestellt und nur die vorgeschriebenen Teile verwendet werden.
- Dans l'intérêt de la sécurité de l'utilisateur, l'appareil devra être reconstitué dans sa condition première et seules des pièces identiques à celles spécifiées, doivent être utilisées.

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INHALTSVERZEICHNIS

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SHARP CORPORATION

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FOR A COMPLETE DESCRIPTION OF THE OPERATION OF THIS UNIT, PLEASE REFER TO THE OPERATION MANUAL.

SPECIFICATIONS

General

Power source: (QT-S360H)	AC 110-120/220-240V 50/60Hz (Supplied AC adaptor) DC 9V (UM/SUM-2 or R14 x 6)
Power source: (QT-S360E)	AC 240V 50Hz (Supplied AC adaptor) DC 9V (HP-11 or R14 x 6)
Power source: (QT-S360X)	AC 110-127/220-240V 50/60Hz (Supplied AC adaptor) DC 9V (UM/SUM-2 or R14 x 6)
Power source: (QT-S360A)	AC 240V 50Hz (Supplied AC adaptor) DC 9V (UM/SUM-2 or R14 x 6)
Power source: (QT-S360C)	AC 120V 60Hz (Supplied AC adaptor) DC 9V (UM/SUM-2 or "C"cell x 6)
Output power: (QT-S360H)	MPO; 6.8 W (3.4W + 3.4W) (AC operation, DIN 45 324) RMS; 3.6W (1.8W + 1.8W) (DC operation, DIN 45 324)
Output power: (QT-S360E/C)	MPO; 7.6 W (3.8W + 3.8W) (AC operation) RMS; 3.6W (1.8W + 1.8W) (DC operation, 10% distortion)
Output power: (QT-S360X/A)	PMPO; 14 W (7.0W + 7.0W) (AC operation) MPO; 7.6 W (3.8W + 3.8W) (AC operation) RMS; 3.6 W (1.8W + 1.8W) (DC operation, 10% distortion)
Speakers:	9 cm (3-1/2") full range x 2
Loaded impedance:	Headphones; 32 ohms
Dimensions:	Width; 457 mm (18") Height; 103 mm (4-1/16") Depth; 103 mm (4-1/16")
Weight:	2.0kg (4.4 lbs.) without batteries

Radio

Frequency range: (QT-S360H)	FM; 87.5 - 108 MHz AM; 526.5 - 1,606.5 kHz
Frequency range: (QT-S360E/X/A/C)	FM; 87.6 - 108 MHz AM; 526.5 - 1,606.5 kHz

Tape recorder

Tape:	Compact cassette tape
Frequency response:	80 - 10,000 Hz
Signal/noise ratio: (QT-S360H/E)	45 dB
Signal/noise ratio: (QT-S360X/A/C)	36 dB
Wow and flutter: (QT-S360H)	0.35 % (DIN 45 511)
Wow and flutter: (QT-S360E)	0.35 % (CCIR)
Wow and flutter: (QT-S360X/A/C)	0.25 % (WRMS)

Specifications for this model are subject to change without priornotice.

NAMES OF PARTS

1. Volume Control
2. Tone Control
3. Bass Boost Switch
4. Function Switch
5. Power Indicator
6. FM Stereo Indicator
7. Built-in Microphone
8. Tuning Control
9. Pause Button: ⏸
10. Stop/Eject Button: ■/⏏
11. Fast Forward Button: ◀◀
12. Rewind Button: ▶▶
13. Play Button: ◀
14. Record Button: ●
15. Cassette Compartment
16. Carrying Belt
17. FM Telescopic Rod Antenna
18. Headphones Jack
19. Battery Compartment
20. External DC Power Input Socket: DC 9V
21. Beat Cancel/FM Mode Switch (QT-S360H/E)

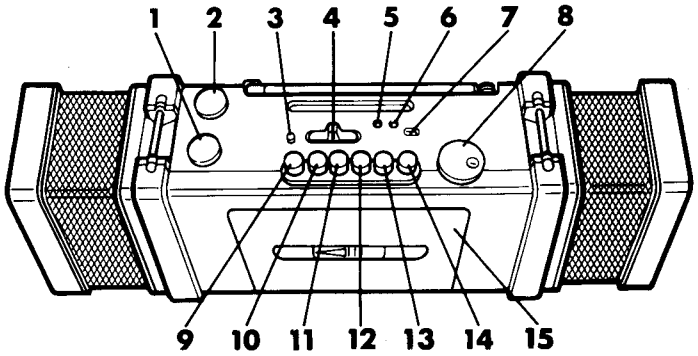

Figure 2−1

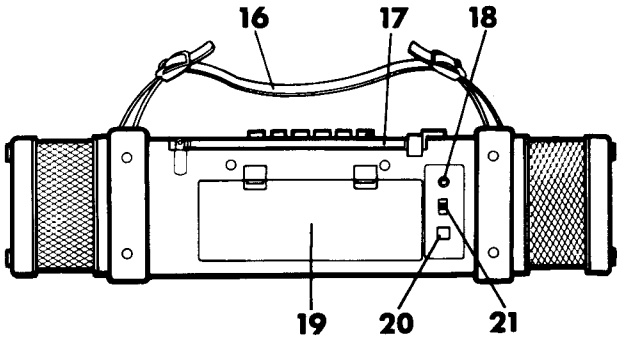

Figure 2−2

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EINE VOLLSTÄNDIGE BESCHREIBUNG DER BEDIENUNG DIESES GERÄTES IST IN DER BEDIENUNGSANLEITUNG ENTHALTEN.

TECHNISCHE DATEN

Allgemein

Spannungsversorgung: Netzspannung 110-120/220-240V, 50/60 Hz (mitgelieferter Netzgerät)
Gleichspannung 9 V (UM/SUM-2 oder R14 x 6)
Ausgangsleistung: Musikleistung; 6,8W (3,4W + 3,4W) (Netzbetrieb, DIN 45 324)
Sinusleistung; 3,6W (1,8W + 1,8W) (Gleichspannungsbetrieb, DIN 45 324)
Lautsprecher: 9 cm Vollbereich x 2
Belastungsimpedanz: Kopfhörer; 32 Ohm
Abmessungen: Breite; 457 cm
Höhe; 103 cm
Tiefe; 103 cm
Gewicht: 2,0 kg ohne Batterien

Radio

Frequenzbereich: UKW; 87,5 - 108 MHz
AM; 526,5 - 1606,5 kHz

Tonbandgerät

Band: Kompaktcassettenband
Frequenzgang: 80 - 10000 Hz
Rauschabstand: 45 dB
Gleichlaufschwankungen: 0,35 % (DIN 45 511)

Die technischen Daten für dieses Modell können ohne vorherige Ankündigung Änderungen unterworfen sein.

BEZEICHNUNG DER TEILE

1. Lautstärkesteller
2. Klangsteller
3. Baßanhebungsschalter
4. Funktionsschalter
5. Einschaltanzeige
6. UKW-Stereoanzeige
7. Eingebautes Mikrofon
8. Abstimmsteller
9. Pausentaste: ⏸
10. Stopp/Auswurf-Taste: ■/⏏
11. Schnellvorlauftaste: ◀◀
12. Rückspultaste: ▶▶
13. Wiedergabetaste: ◀
14. Aufnahmetaste: ●
15. Cassettenfach
16. Trageriemen
17. UKW-Teleskopstabantenne
18. Kopfhörerbuchse
19. Batteriefach
20. Fremdgleichspannungs-Eingangsbuchse
21. Schwebungsunterdrückungs-/UKW-Betriebsartenschalter

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POUR LA DESCRIPTION COMPLÈTE DU FONCTIONNEMENT DE CET APPAREIL, SE REPORTER AU MODE D'EMPLOI.

CARACTÉRISTIQUES

Général

Alimentation: CA 110-120/220-240V, 50/60 Hz
(QT-S360H) (Adaptateur CA fourni)
9 V CC (UM/SUM-2 ou R14 x 6)
Alimentation: CA 120V, 60 Hz (Adaptateur CA fourni)
(QT-S360C) 9 V CC (UM/SUM-2 ou pile "C" x 6)
Puissance de sortie: MPO; 6,8W (3,4W + 3,4W)
(QT-S360H) (Fonctionnement sur CA DIN 45 324)
RMS; 3,6W (1,8W + 1,8W)
(Fonctionnement sur CC, DIN 45 324)
Puissance de sortie: MPO; 7,6W (3,8W + 3,8W)
(QT-S360C) (Fonctionnement sur CA)
RMS; 3,6W (1,8W + 1,8W)
(Fonctionnement sur CC, 10 % de distorsion)
Enceintes: Gamme totale de 9 cm x 2
Impédance normale: Casque; 32 ohms
Dimensions: Largeur; 457 mm
Hauteur; 103 mm
Profondeur; 103 mm
Poids: 2,0 kg sans piles

Radio

Gamme de fréquences: FM; 87,5 - 108 MHz
(QT-S360H) PO; 526,5 - 1.606,5 kHz
Gamme de fréquences: FM; 87,6 - 108 MHz
(QT-S360C) PO; 526,5 - 1.606,5 kHz

Magnétophone

Bande: Cassette compacte
Réponse en fréquence: 80 - 10.000 Hz
Rapport signal/bruit: 45 dB
(QT-S360H)
Rapport signal/bruit: 36 dB
(QT-S360C)
Pleurage et scintillement: 0,35 % (DIN 45 511)
(QT-S360H)
Pleurage et scintillement: 0,25 % (WRMS)
(QT-S360C)

Les caractéristiques de ce modèle sont sujettes à modification sans préavis.

NOMENCLATURE

1. Commande de volume
2. Commande de tonalité
3. Commutateur d'amplification des graves
4. Sélecteur de fonction
5. Voyant d'alimentation
6. Voyant de FM stéréo
7. Microphone incorporé
8. Commande d'accord
9. Touche de pause: ⏸
10. Touche d'arrêt/éjection: ■/⏏
11. Touche d'avance rapide: ◀◀
12. Touche de rebobinage: ▶▶
13. Touche de lecture: ◀
14. Touche d'enregistrement: ●
15. Compartiment de cassette
16. Bandoulière
17. Antenne télescopique FM
18. Prise de casque
19. Logement de piles
20. Prise d'entrée de l'alimentation CC extérieure
21. Commutateur antibattement/mode FM(QT-S360H)

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DISASSEMBLY

Caution on Disassembly
Follow the below-mentioned notes when disassembling the unit and reassembling it, to keep its safety and excellent performance:

1. Take cassette tape out of the unit.
2. Be sure to remove the power supply plug from the wall outlet before starting to disassemble the unit and remove the batteries from the unit.
3. Take off nylon bands or wire holders where they need be removed when disassembling the unit. After servicing the unit, be sure to rearrange the leads where they were before disassembling.
4. Take sufficient care on static electricity of integrated circuits and other circuits when servicing.

STEP	REMOVAL	PROCEDURE	FIGURE
1	Front Cabinet	1. Battery lid ·····(A) 2. Screw·····(B)×8	4-1
2	Mechanism Block	1. Screw ·····(C)×1 2. Socket ·····(D)×2	4-2 4-3
3	Main PWB	1. Screw·····(E)×4 2. Flat Wier ·····(F)×2	4-3

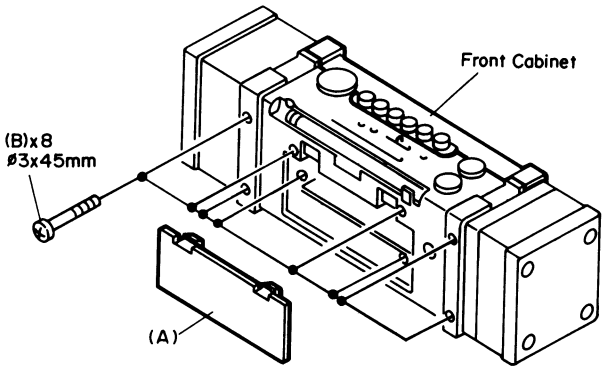

Figure 4-1

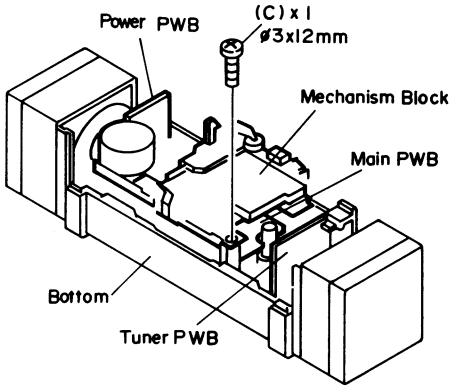

Figure 4-2

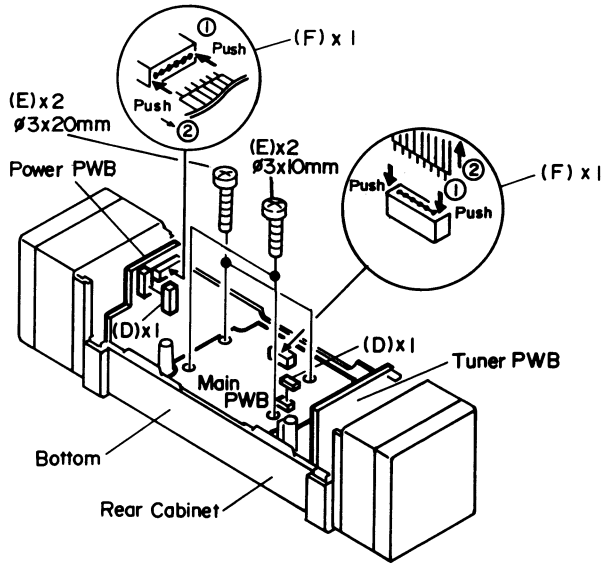

Figure 4-3

Ⓓ ZERLEGEN

Vorsichtsmassregeln Für Das Zerlegen
Beim Zerlegen und Zusammenbauen des Gerätes die folgenden Anweisungen befolgen, um dessen Betriebssicherheit und ausgezeichnete Leistung aufrechtzuerhalten.

1. Die Cassette aus dem Gerät entfernen.
2. Bevor mit dem Zerlegen des Gerätes begonnen wird, unbedingt den Netzkabelstecker aus der Netzsteckdose ziehen und die Batterien aus dem Gerät entfernen.
3. Nylonbänder oder Leitungshalter entfernen, falls dies beim Zerlegen des Gerätes erforderlich ist. Nach Warten des Gerätes darauf achten, die Leitungen wieder so zu verlegen, wie sie vor den Zerlegen angeordnet waren.
4. Beim Ausführen von Wartungsarbeiten auf statische Elektrizität der integrierten Schaltkreise und anderen Schaltungen achten.

SCH-RITT	ENTFERNEN	VERFAHREN	ABBIL-DUNG
1	Vordere Gehäu-sehälfte	1. Batteriefachdeckel ·····(A) 2. Schraube ·····(B)×8	4-1
2	Lauf-werkblock	1. Schraube ·····(C)×1 2. Buchse ·····(D)×2	4-2 4-3
3	Haupt-leiterplatte	1. Schraube ·····(E)×4 2. Flachdraht ·····(F)×2	4-3

Ⓕ DÉMONTAGE

Précautions pour le démontage
Lors du démontage de l'appareil et de son remontage, suivre les précautions ci-dessous, pour maintenir la sécurité et d'excellentes performances.

1. Déposer la bande cassette de l'appareil.
2. S'assurer de retirer la fiche d'alimentation secteur de la prise murale avant de démarrer le démontage de l'appareil et déposer les piles de l'appareil.
3. Déposer les bandes de nylon ou les serre-câbles si nécessaire lors du démontage de l'appareil. Après la réparation de l'appareil, s'assurer de redisposer les fils tel qu'ils étaient avant le démontage.
4. Faire attention à l'électricité statique des circuits intégrés et des autres circuits lors de la réparation.

ÉTAPE	DÉPOSE	PROCÉDÉ	FIGURE
1	Coffret avant	1. Couvercle de pile ·····(A) 2. Vis ·····(B)×8	4-1
2	Bloc du mécanisme	1. Vis ·····(C)×1 2. Douille ·····(D)×2	4-2 4-3
3	PMI principale	1. Vis ·····(E)×4 2. Fil plat·····(F)×2	4-3

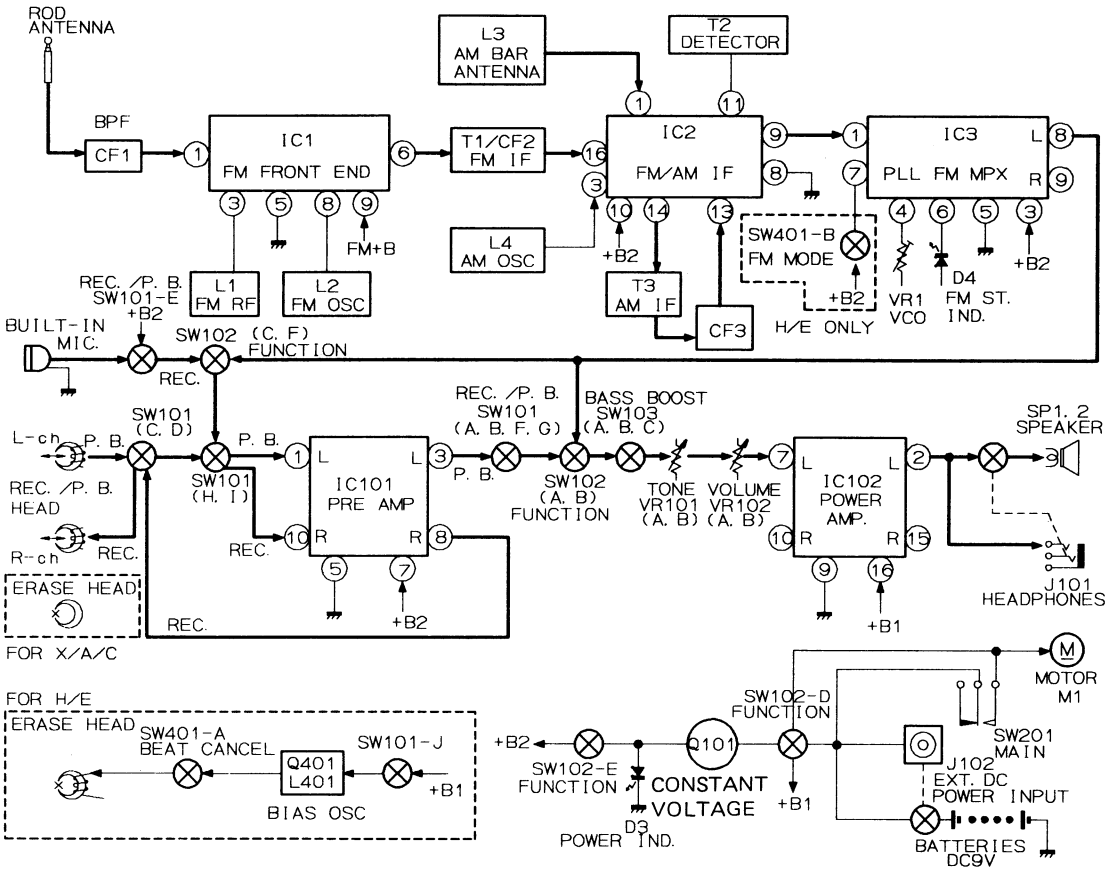

Figure 6-1 BLOCK DIAGRAM

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STRINGING OF DIAL CORD

1. Turn the drum fully in the direction Ⓐ shown in Fig. 6-3 and stretch its cord over the parts in the numerical order.
2. Then turn the tuning control shaft fully in the direction Ⓑ shown in Fig. 6-3 and fix its pointer as shown in Fig. 6-2.

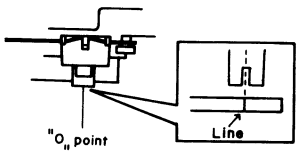

Figure 6-2

Ⓓ

SPANNEN DER SKALENSCHNUR

1. Die Trommel gemäß Abb. 6-3 bis zum Anschlag in Richtung Ⓐ drehen, dann die Schnur in der numerischen Reihenfolge über die einzelnen Teile spannen.
2. Die Abstimmstellerachse gemäß Abb. 6-3 bis zum Anschlag in Richtung Ⓑ drehen, dann den Zeiger gemäß Abb. 6-2 befestigen.

Ⓕ

PASSAGE DU CORDON DU CADRAN

1. Tourner le tambour entièrement dans le sens Ⓐ montré sur la Fig. 6-3 et passer le cordon sur les organes indiqués et dans l'ordre numérique.
2. Tourner l'arbre de commande d'accord entièrement dans le sens Ⓑ montré sur la Fig. 6-3 et fixer son index comme le montre la Fig. 6-2.

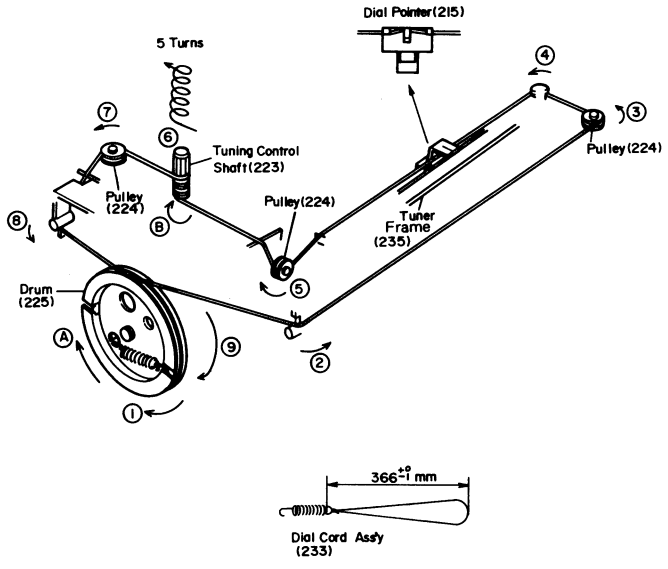

Figure 6-3

Ⓔ ADJUSTMENT

As for adjusting method refer to the relevant explanation in Service Manual "ADJUSTMENT PROCEDURES OF AUDIO PRODUCTS".

MECHANISM SECTION

· Driving Force check

Torque Meter	Specified value
Play: TW-2412	Over 150 g

· Torque Check

Torque Meter	Specified value
Play: TW-2111	30 to 65 g.cm
Fast forward: TW-2231	75 to 135 g.cm
Rewind: TW-2231	75 to 135 g.cm

· Head Azimuth

Test Tape	Instrument Connection
MTT-113C	Headphones jack (Load resistance: 32 ohms)

· Tape Speed

Test Tape	Adjusting Point	Specified value	Instrument Connection
MTT-111	in motor	3,000 ± 90 Hz	Speaker terminal (Load resistance: 32 ohms)

Ⓓ EINSTELLUNG

Einzelheiten über das Einstellverfahren sind in den entsprechenden Erklärungen der Service-Anleitung "EINSTELLVERFAHREN FÜR AUDIOPRODUKTE" angegeben.

BAND-TEIL

· Überprüfung der Antriebskraft

Drehmomentmesser	Vorgeschriebener Wert
Wiedergabe: TW-2412	Über 150 g

· Überprüfung des Drehmoments

Drehmomentmesser	Vorgeschriebener Wert
Wiedergabe: TW-2111	30 - 65 g.cm
Schnellvorlauf: TW-2231	75 - 135 g.cm
Rückspulung: TW-2231	75 - 135 g.cm

· Kopfazimut

Testband	Instrumentenanschluß
MTT-113C	Kophöer (Belastungswiderstand: 32 Ohm)

· Bandgeschwindigkeit

Testband	Einstellpunkt	Vorgeschriebener Wert	Instrumentenanschluß
MTT-111	im Motor	3 000 ± 90 Hz	Lautsprecherklemme (Belastungswiderstand: 32 Ohm)

Ⓕ RÉGLAGE

Pour la méthode de réglage, se reporter aux indications concernées dans le Manuel de service "PROCÉDÉS DE RÉGLAGE DES PRODUITS ACOUSTIQUES".

PARTIE MAGNETOPHONE

· Vérification de la force d'entraînement

Torsiomètre	Valeur spécifiée
Lecture: TW-2412	Plus de 150 g

· Vérification du couple

Torsiomètre	Valeur spécifiée
Lecture: TW-2111	30 à 65 g.cm
Avance rapide: TW-2231	75 à 135 g.cm
Rebobinage: TW-2231	75 à 135 g.cm

· Azimut de la tête

Bande d'essai	Instrument de connexion
MTT-113C	Casque (Résistance de charge: 32 ohms)

· Vitesse de défilement

Bande d'essai	Point de réglage	Valeur spécifiée	Instrument de connexion
MTT-111	Dans le moteur	3.000 ± 90 Hz	Borne d'enceinte (Résistance de charge: 32 ohms)

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TAPE SECTION

Position of each switch or control	
Volume	Max
Function	Tape
Tone	High
Bass boost	Off

· Playback Amplifier Sensitivity check

Test Tape	Specified value	Instrument Connection
MTT-118	1.0 V	Speaker terminal (Load resistance: 32 ohms)

TUNER SECTION

fL: Low-range frequency
fH: High range frequency

· FM IF/RF

Test Stage	Specified value/ Adjusting Point	Instrument Connection
IF	T1	Input: Pin 1 of IC1 Output: Pin 1 of IC3
Detection	T2	
Frequency cover	fL: L2 fH: TC2	Input: Antenna Output: Headphones jack (Load resistance: 32 ohms)
Tracking	88.0 MHz: L1 108.0 MHz: TC1	

· VCO Frequency

Adjusting Point	Specified value	Instrument Connection
VR1	38 kHz ± 100 Hz	Pin 6 of IC3

Note: Add a resistor (10 kohm) between pin 7 of IC3 and earth, and adjust in stereo state.

· AM IF/RF

Test Stage	Specified value/ Adjusting Point	Instrument Connection
IF	T3	Input: Antenna Output: Pin 5 of IC2
Frequency cover	fL: L4 fH: TC4	Input: Antenna Output: Headphones jack (Load resistance: 32 ohms)
Tracking	600 kHz: L3 1,400 kHz: TC3	

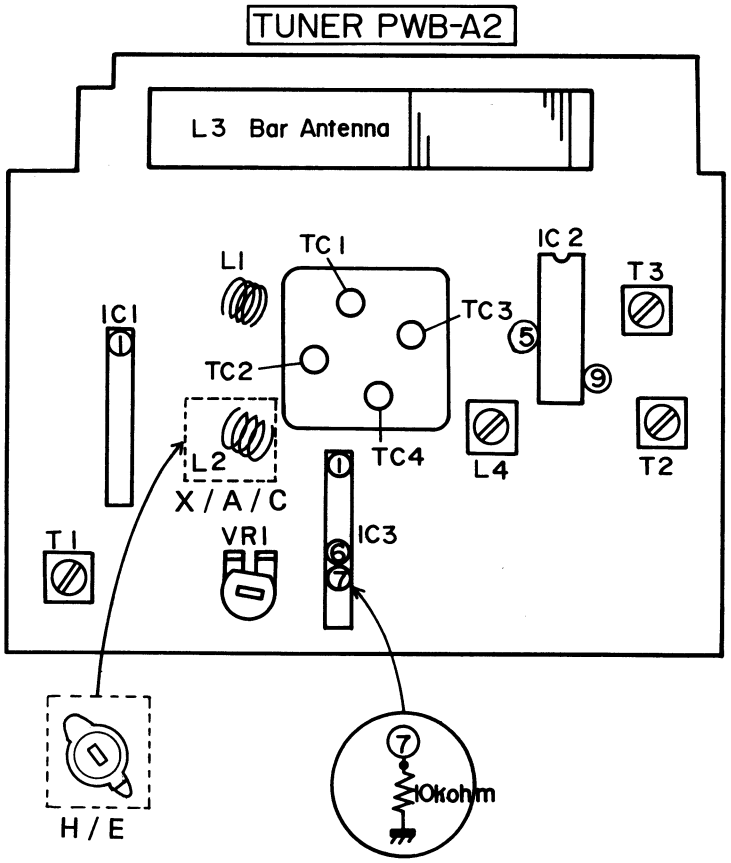

Figure 8 ADJUSTMENT POINTS

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DECK-TEIL

Stellung jedes Schalters oder Stellers	
Lautstärke	Max
Funktion	Band
Klangsteller	Hoch
Baßanhebungsschalter	Aus

· Überprüfung der Empfindlichkeit des Wiedergabe-Verstärkers

Testband	Vorgeschriebener Wert	Instrumentenanschluß
MTT-118	1,0 V	Lautsprecherklemme (Belastungswiderstand: 32 Ohm)

TUNER-TEIL

fL: Niedriger Frequenzbereich
fH: Hoher Frequenzbereich

· UKW-Zwischen-/Hochfrequenz

Prüfstufe	Vorgeschriebener Wert/Einstellpunkt	Instrumentenanschluß
ZF	T1	Eingang: Stift 1 von IC1 Ausgang: Stift 1 von IC3
Demodulation	T2	
Frequenz-bereich	fL: L2 fH: TC2	Eingang: Antenne Ausgang: kophöer (Belastungswider-stand: 32 Ohm)
Abtastung	88,0 MHz: L1 108,0 MHz: TC1	

· Frequenz des spannungsgesteuerten Oszillators

Einstellpunkt	Vorgeschriebener Wert	Instrumentenanschluß
VR1	38 kHz ± 100 Hz	Stift 6 von IC3

· MW-Zwischen-/Hochfrequenz

Prüfstufe	Vorgeschriebener Wert/Einstellpunkt	Instrumentenanschluß
ZF	T3	Eingang: Antenne Ausgang: Stift 5 von IC2
Frequenz-bereich	fL: L4 fH: TC4	Eingang: Antenne Ausgang: Kophöer (Belastungswider-stand: 32 Ohm)
Abtastung	600 kHz: L3 1 400 kHz: TC3	

DIE ANWEISUNG DER FREQUENZEINSTELLUNG

Um der Postverfügung Nr. 478/1981 zu entsprechen, wird der UKW-Frequenzbereich mit Hilfe der Oszillatorspule (L2-untere Eckfrequenz: 87,5 MHz) und des Oszillatortrimmers (TC2-obere Eckfrequenz: 108,0 MHz) eingestellt.

Ⓕ

PARTIE PLATINE

Position de chaque commutateur ou chaque commande	
Volume	Max
Fonction	Bande
Tonalité	Haute
D'amplification des graves	Coupé

· Vérification de la sensibilité de l'amplificateur de lecture

Bande d'essai	Valeur spécifiée	Instrument de connexion
MTT-118	1,0 V	Borne d'enceinte (Résistance de charge: 32 ohms)

PARTIE TUNER

fL: basse fréquence
fH: haute fréquence

· FI/RF FM

Etage d'essai	Valeur spécifiée/ Point de réglage	Instrument de connexion
FI	T1	Entrée: Broche 1 de IC1 Sortie: Broche 1 de IC3
Détection	T2	
Couverture de fréquence	fL: L2 fH: TC2	Entrée: Antenne Sortie: Casque (Résistance de charge: 32 ohms)
Alignement	88,0 MHz: L1 108,0 MHz: TC1	

· Fréquence VCO

Point de réglage	Valeur spécifiée	Instrument de connexion
VR1	38 kHz ± 100 Hz	Broche 6 de IC3

· FI/RF AM (PO)

Etage d'essai	Valeur spécifiée/ Point de réglage	Instrument de connexion
FI	T3	Entrée: Antenne Sortie: Broche 5 de IC2
Couverture de fréquence	fL: L4 fH: TC4	Entrée: Antenne Sortie: Casque (Résistance de charge: 32 ohms)
Alignement	600 kHz: L3 1.400 kHz: TC3	

Ⓔ NOTES ON SCHEMATIC DIAGRAM

- Resistor:
  To differentiate the units of resistors, such symbol as K is used: the symbol K means 1000 ohm and the resistor without any symbol is ohm-type resistor.
- Capacitor:
  To indicate the unit of capacitor, a symbol P is used: this symbol P means micro-micro-farad and the unit of the capacitor without such a symbol is microfarad. As to electrolytic capacitor, the expression "capacitance/withstand voltage" is used.
  (CH), (TH), (RH), (UJ): Temperature compensation
  (ML): Mylar type
  (P.P.): Polypropylene type
- The indicated voltage in each section is the one measured by Digital Multimeter between such a section and the chassis with no signal given.

1. Tuner
   ( ): AM mode
   Marking except for ( ): FM mode

- Schematic diagram and Wiring Side of P.W.Board for this model are subject to change for improvement without prior notice.

Ⓓ ANMERKUNGEN ZUM SCHEMATISCHEN SCHALTPLAN

- Widerstände:
  Um die Einheiten der Widerstände unter-scheiden zu können, werden Symbole wie K benutzt. Das Symbol K bedeutet 1000 Ohm Bei Widerständen ohne Symbol handelt es sich um ohmsche Widerstände.
- Kondensatoren:
  Zum Bezeichnen der Kondensatoreinheit wird das Symbol P benutzt; dieses Symbol P bedeutet Nanofard. Die Einheit eines Kondensators ohne Symbol ist Mikrofarad. Für Elektrolytkondensatoren wird die Be-zeichnung "Kapazität/Stehspannung" benutzt.
  (CH), (TH), (RH), (UJ): Temperaturkompensation
  (ML): Mylarkondensator
  (P.P): Polypropylentyp
- Die in den einzelnen Teilen angegebenen Spannungen werden mit einem Digitalvielfachmeßgerät zwischen dem betreffen den Teil und dem Chassis ohne Signalzuleitung gemessen.

1. Tuner
   ( ): AM-Betriebsart
   Kennzeichnung außer ( ): UKW-Betriebsart

- Änderungen des schematischen Schaltplans und der Verdrahtungsseite der Leiterplatte für dieses Modell im Sinne von Verbesserungen jederzeit vorbehalten.

Ⓕ REMARQUES CONCERNANT LE DIAGRAMME SCHÉMATIQUE

- Résistance:
  Pour différencier les unités de résistances, on utilise des symbole tels que K: le symbole K signifie 1000 ohms et la résistance donnée sans symbole est une résistance de type ohm.
- Condensateur:
  Pour indiquer l'unité de condensateur, on utilise le symbole P; ce symbole P signifie micro-microfarad, et l'unité de condensateur donnée sans ce symbole est le microfarad. En ce qui concerne le condensateur électrolytique, on utilise l'expression "tension de régime/capacité"
  (CH), (TH), (RH), (UJ): Compensation de température
  (ML): Condensateur Mylar
  (P.P): Type Polypropylène
- La tension indiquée dans chaque section est celle mesurée par un multimètre numérique entre la section en question et le châssis, en l'absence de tout signal.

1. Tuner
   ( ): Mode AM (PO)
   Marque excepté ( ): Mode FM

- Le diagramme schématque et le côté câblage de la PMI de ce modèle sont sujets à modifications sans préavis pour l'amélioration de ce produit.

QT-S360H/E QT-S360X/A/C

QT-S360H/E

REF. NO.	DISCRIPTION	POSITION
SW101	REC / P.B	REC — P.B
SW102	FUNCTION	FM AUTO — AM — TAPE
SW103	BASS BOOST	ON — OFF
SW201	MAIN	ON — OFF
SW401	BEAT CANCEL / FM MODE	A — B — C / ST — ST — MONO

TUNER PWB—A2 · MAIN PWB—A1 · POWER PWB—A3 · BTTERY PWB—A4

- NOTES ON SCHEMATIC DIAGRAM can be found on page 10.
- ANMERKUNGEN ZUM SCHEMATISCHEN SCHALTPLAN stehen auf Seite 10.
- REMARQUES CONCERNANT LE DIAGRAMME SCHÉMATIQUE sont indiquées à la page 10.

+B · FM Signal · AM Signal · Playback Signal · Record Signal · Mic Signal

Figure 11 SCHEMATIC DIAGRAM

QT-S360H/E
QT-S360X/A/C

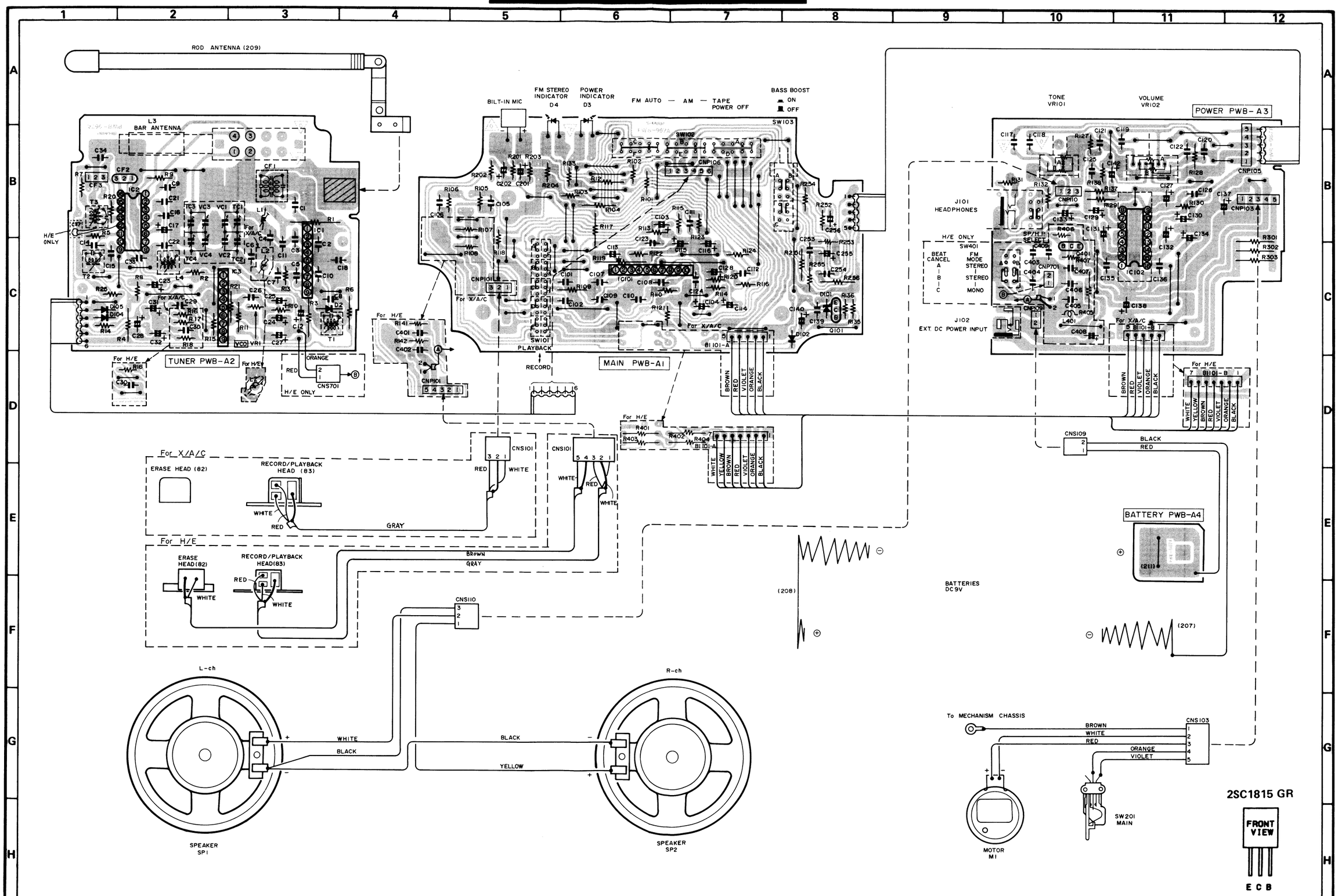


Figure 13 WIRING SIDE OF P.W.BOARD

QT-S360H/E
QT-S360X/A/C

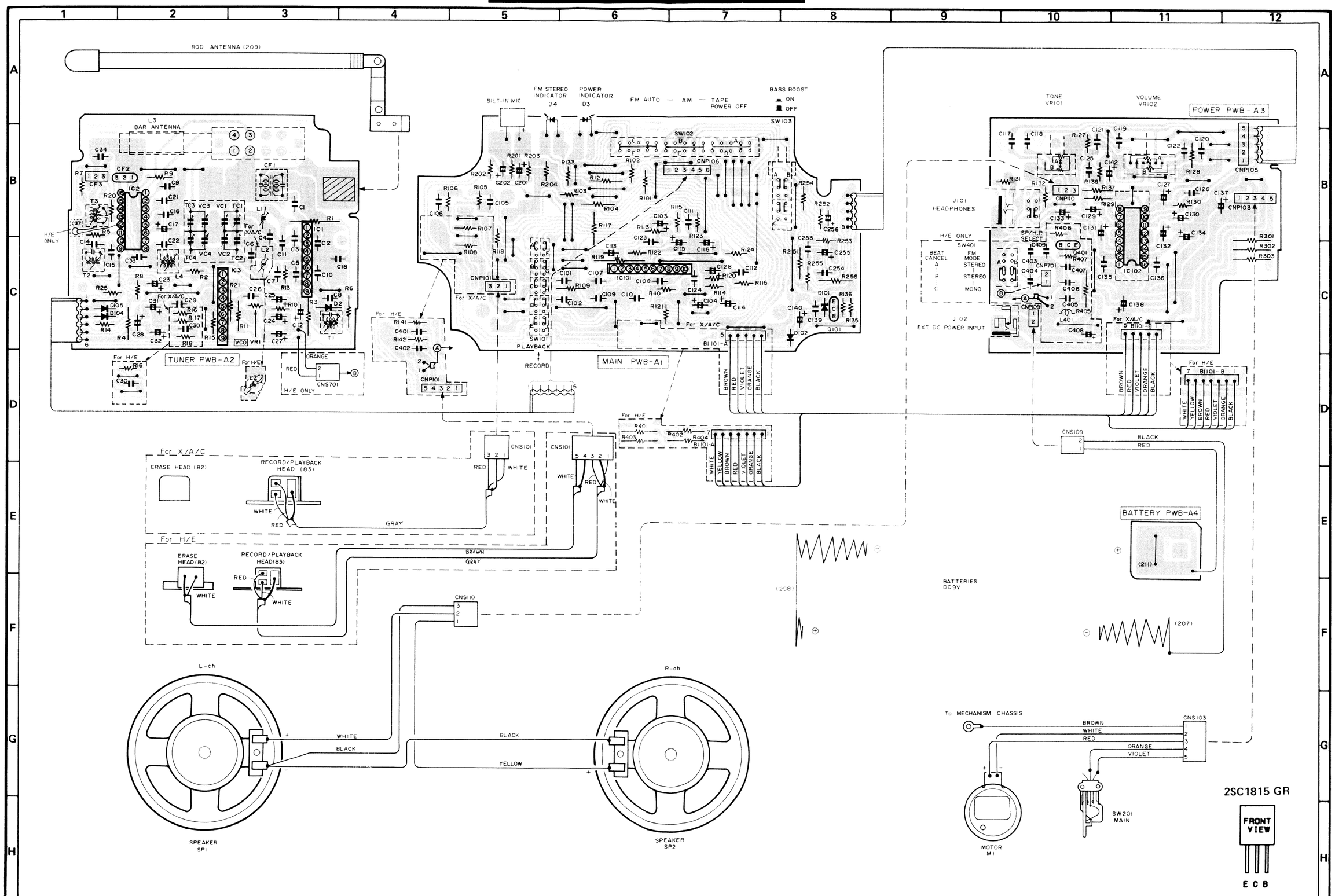
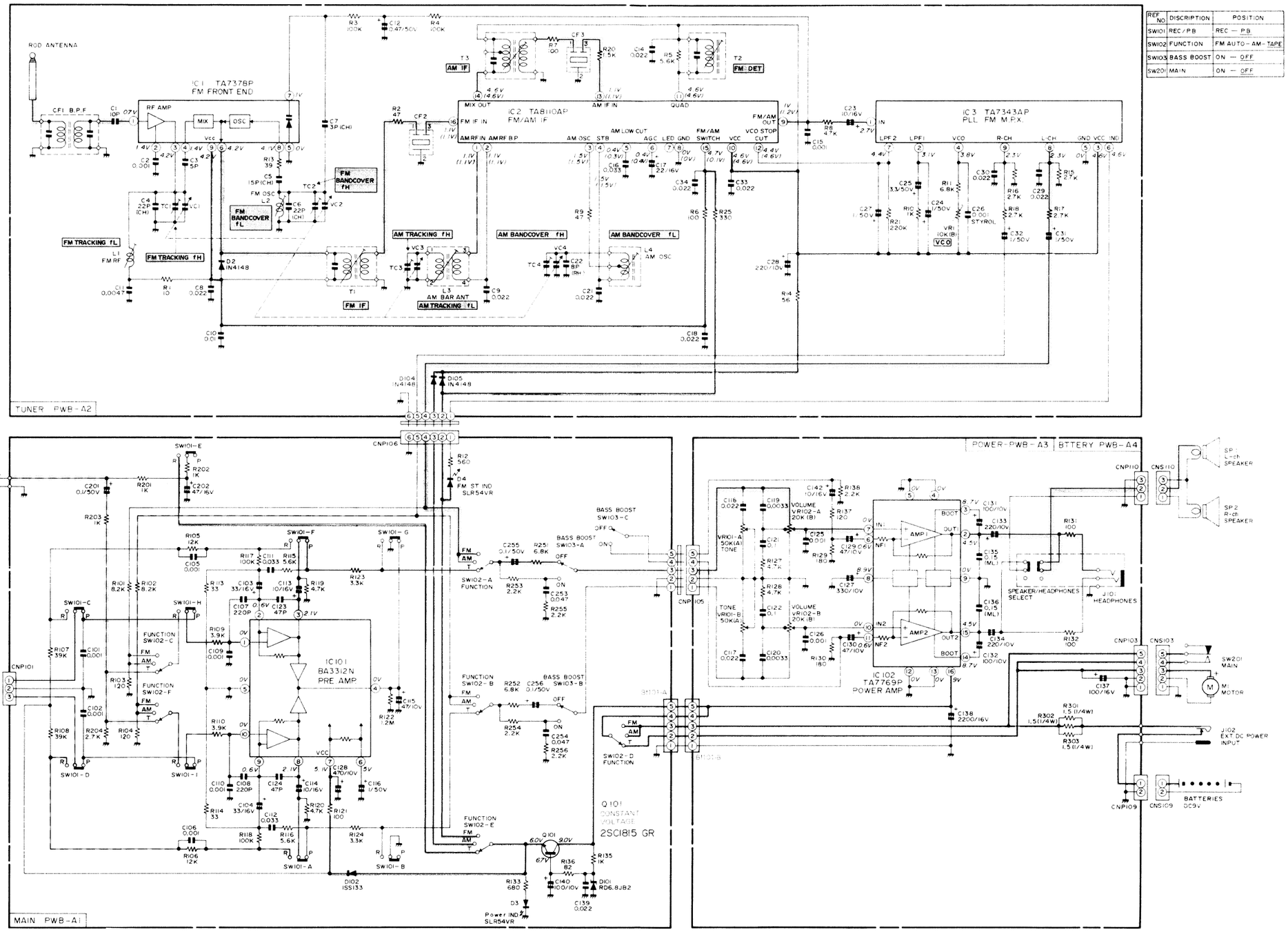


Figure 13 WIRING SIDE OF P.W.BOARD

QT-S360H/E
QT-S360X/A/C

QT-S360X/A/C

REF NO	DISCRIPTION	POSITION
SW101	REC / PB	REC — PB
SW102	FUNCTION	FM AUTO - AM - TAPE
SW103	BASS BOOST	ON — OFF
SW201	MAIN	ON — OFF



- NOTES ON SCHEMATIC DIAGRAM can be found on page 10.
- ANMERKUNGEN ZUM SCHEMATISCHEN SCHALTPLAN stehen auf Seite 10.
- REMARQUES CONCERNANT LE DIAGRAMME SCHÉMATIQUE sont indiquées à la page 10.

+B — FM Signal — AM Signal — Playback Signal — Record Signal — Mic Signal

Figure 15 SCHEMATIC DIAGRAM

QT-S360H/E
QT-S360X/A/C

QT-S360X/A/C

REF NO.	DISCRIPTION	POSITION
SW101	REC/P.B	REC — P.B.
SW102	FUNCTION	FM AUTO-AM-TAPE
SW103	BASS BOOST	ON — OFF
SW201	MAIN	ON — OFF

TUNER PWB-A2

MAIN PWB-A1

POWER-PWB-A3 | BTTERY PWB-A4

- NOTES ON SCHEMATIC DIAGRAM can be found on page 10.
- ANMERKUNGEN ZUM SCHEMATISCHEN SCHALTPLAN stehen auf Seite 10.
- REMARQUES CONCERNANT LE DIAGRAMME SCHÉMATIQUE sont indiquées à la page 10.

——— +B FM Signal AM Signal Playback Signal Record Signal Mic Signal

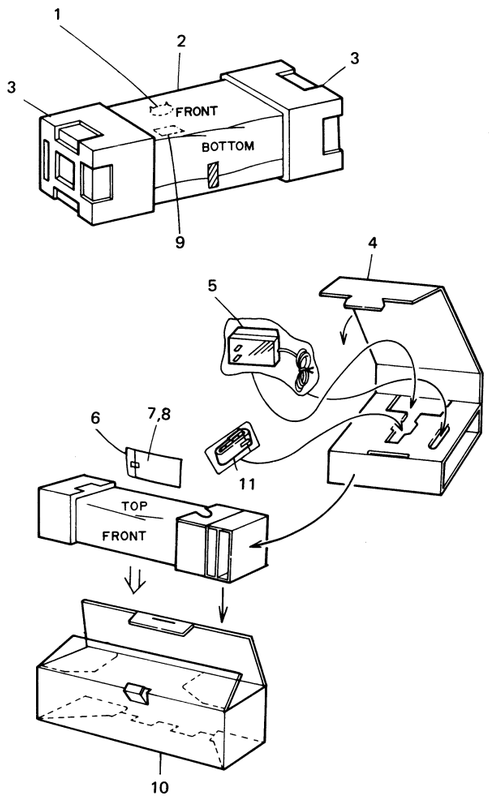
Figure 15 SCHEMATIC DIAGRAM

QT-S360H/E
QT-S360X/A/C

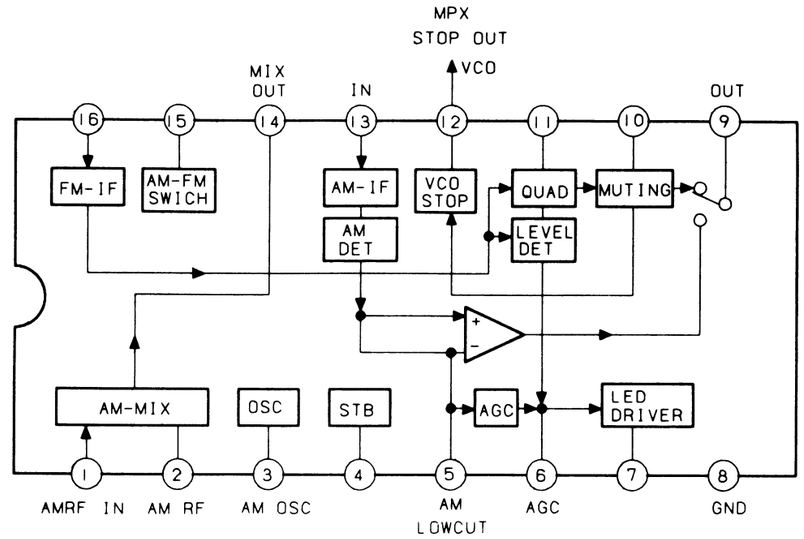
PACKING METHOD (QT-S360E ONLY)

· SETTING POSITIONS OF SWITCHES AND KNOBS	
Tuning control knob	Get it back half a turn from high extreme position.
Volume control	MIN
Tone control	HIGH
Function selector switch	TAPE
Mechanism buttons	STOP
Bass boost button	OFF
Beat cancel/FM mode switch	A/Stereo

1.	Feature Label	92LLABL1081A
2.	Polyethylene Bag, Unit	92LBAG967A
3.	Packing Add.	92LP-AD967A
4.	Packing Add. Adaptor	92LP-PAD1081A
5.	AC Adaptor	92LEP-S360E
6.	Polyethylene Bag, Accessories	92LBAG002B
7.	Operation Manual	92LiNST1091A
8.	Warranty Card	92LG-CARD029B
9.	Label, MADE IN MALAYSIA	92LLAB001A
10.	Packing Case,(Y)	92LP-CASE1091A
	Packing Case,(R)	92LP-CASE1094A
11.	Carring Belt, with Clip	92LBELT967A



TA8110AP



TA7343AP

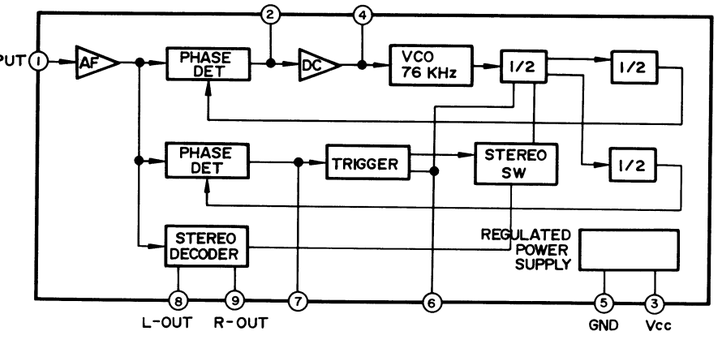


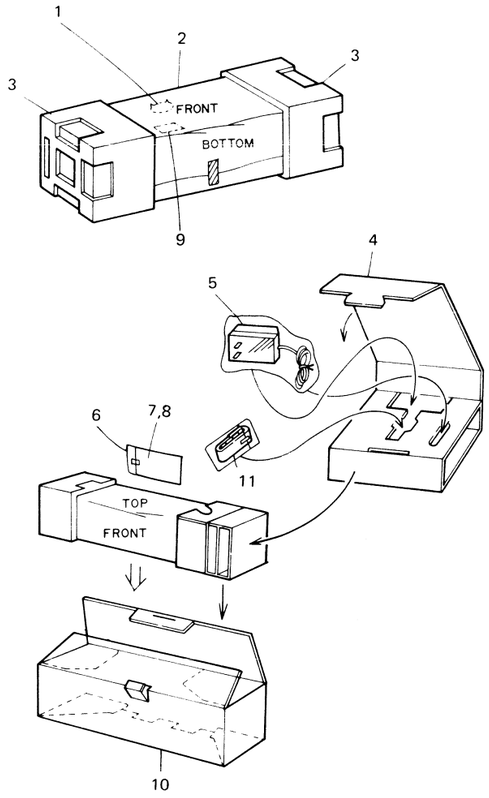
Figure 18 EQUIVALENT CIRCUIT (BLOCK DIAGRAM) OF IC

QT-S360H/E
QT-S360X/A/C

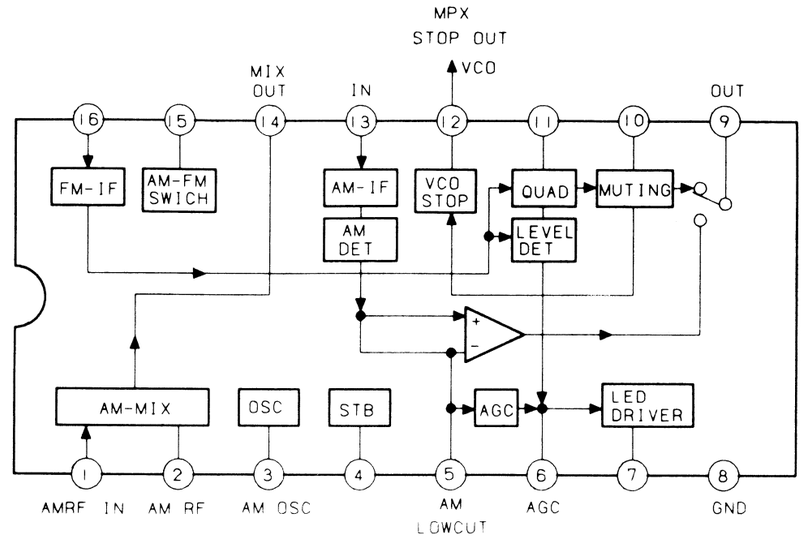
PACKING METHOD (QT-S360E ONLY)

· SETTING POSITIONS OF SWITCHES AND KNOBS	
Tuning control knob	Get it back half a turn from high extreme position.
Volume control	MIN
Tone control	HIGH
Function selector switch	TAPE
Mechanism buttons	STOP
Bass boost button	▙ OFF
Beat cancel/FM mode switch	A/Stereo

1.	Feature Label	92LLABL1081A
2.	Polyethylene Bag, Unit	92LBAG967A
3.	Packing Add.	92LP-AD967A
4.	Packing Add. Adaptor	92LP-PAD1081A
5.	AC Adaptor	92LEP-S360E
6.	Polyethylene Bag, Accessories	92LBAG002B
7.	Operation Manual	92LiNST1091A
8.	Warranty Card	92LG-CARD029B
9.	Label, MADE IN MALAYSIA	92LLAB001A
10.	Packing Case,(Y)	92LP-CASE1091A
	Packing Case,(R)	92LP-CASE1094A
11.	Carring Belt, with Clip	92LBELT967A



TA8110AP



TA7343AP

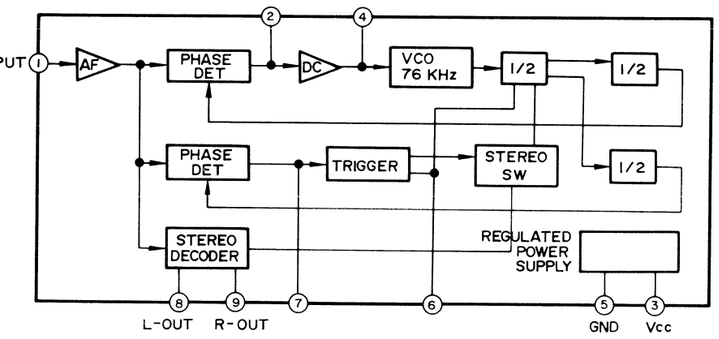


Figure 18 EQUIVALENT CIRCUIT (BLOCK DIAGRAM) OF IC

QT-S360H/E QT-S360X/A/C

TOP VIEW

QT-S360H/E

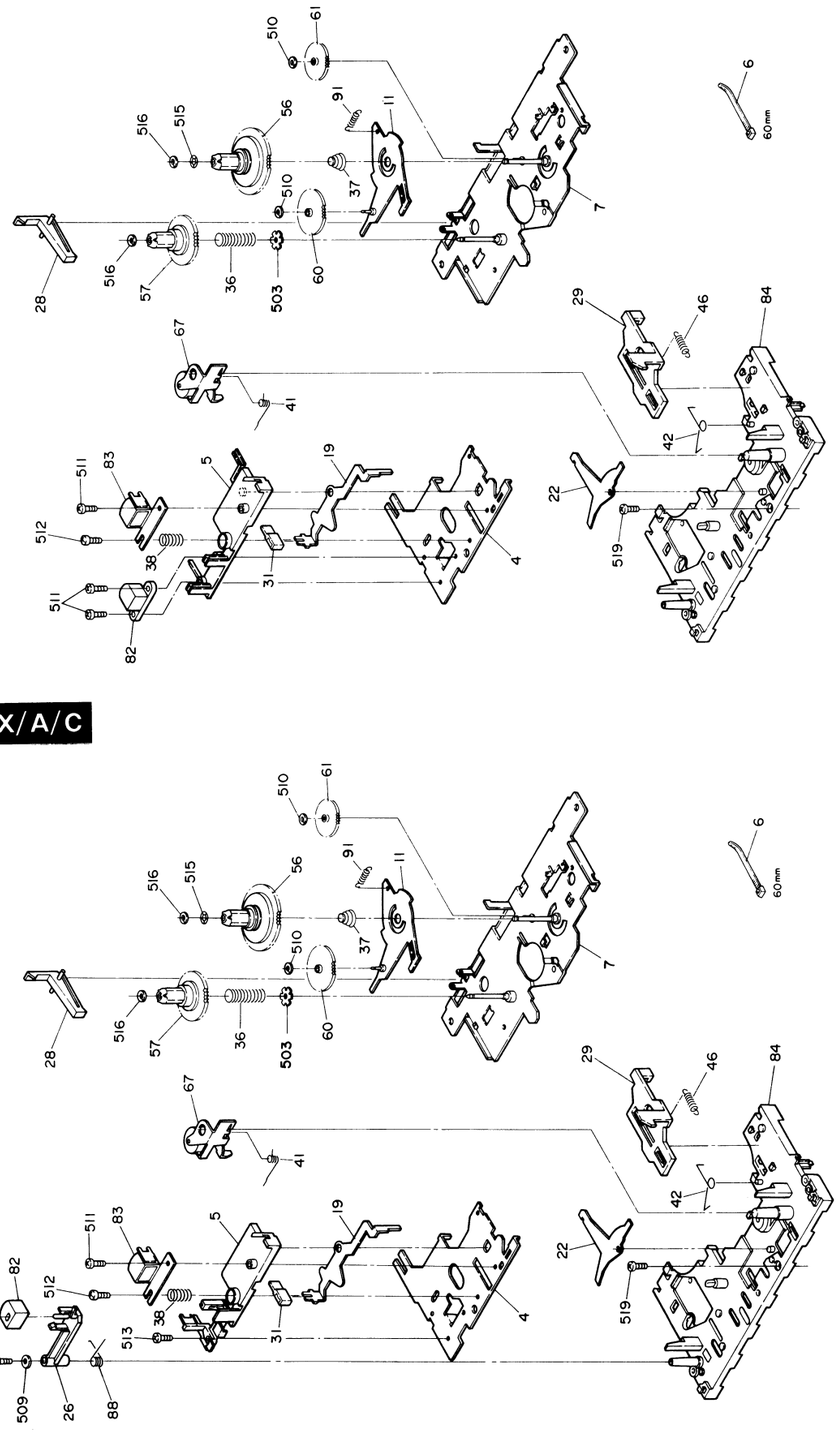


Figure 19 TAPE MECHANISM EXPLODED VIEW

BOTTOM VIEW

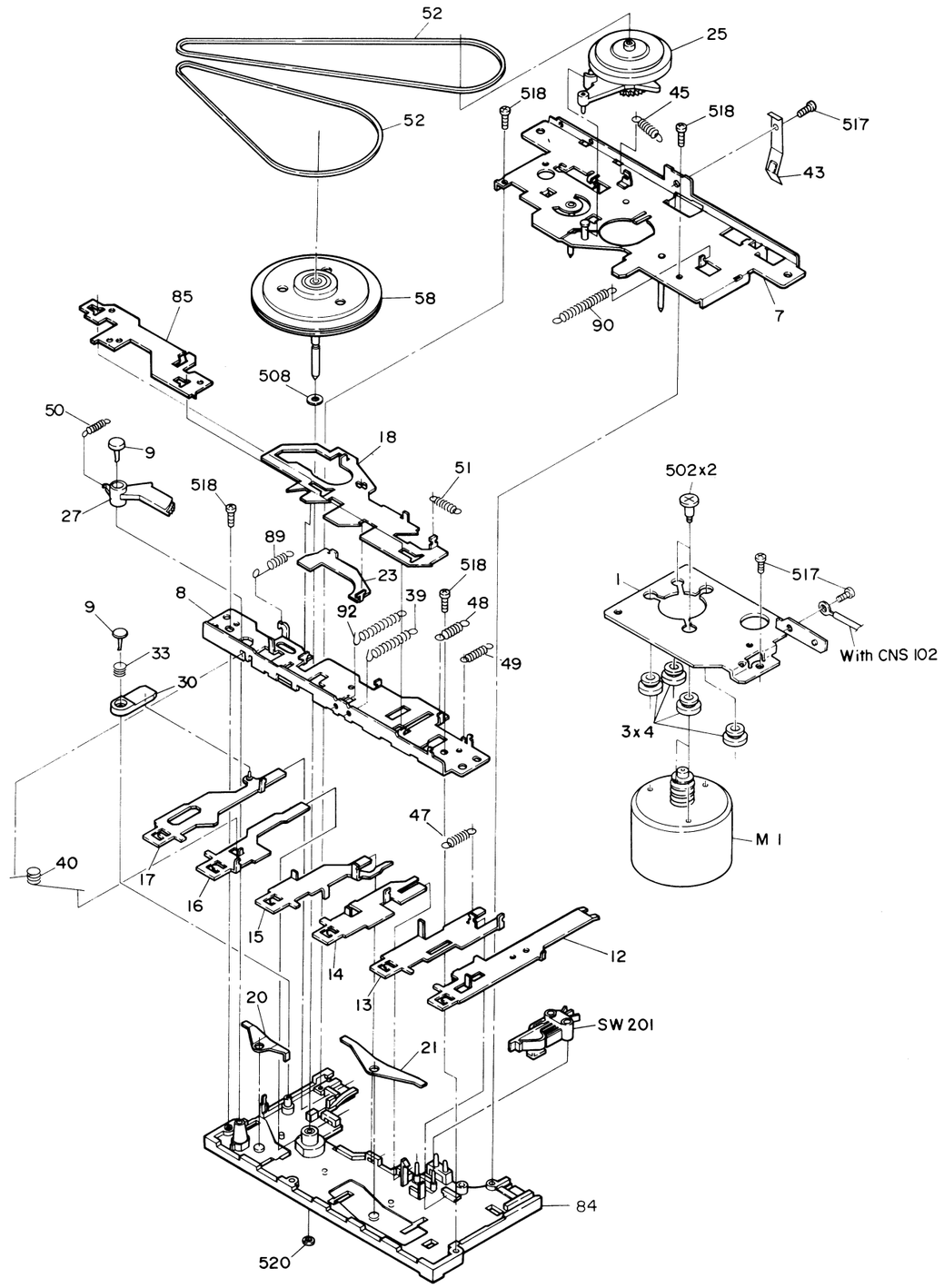


Figure 20 TAPE MECHANISM EXPLODED VIEW

QT-S360H/E
QT-S360X/A/C

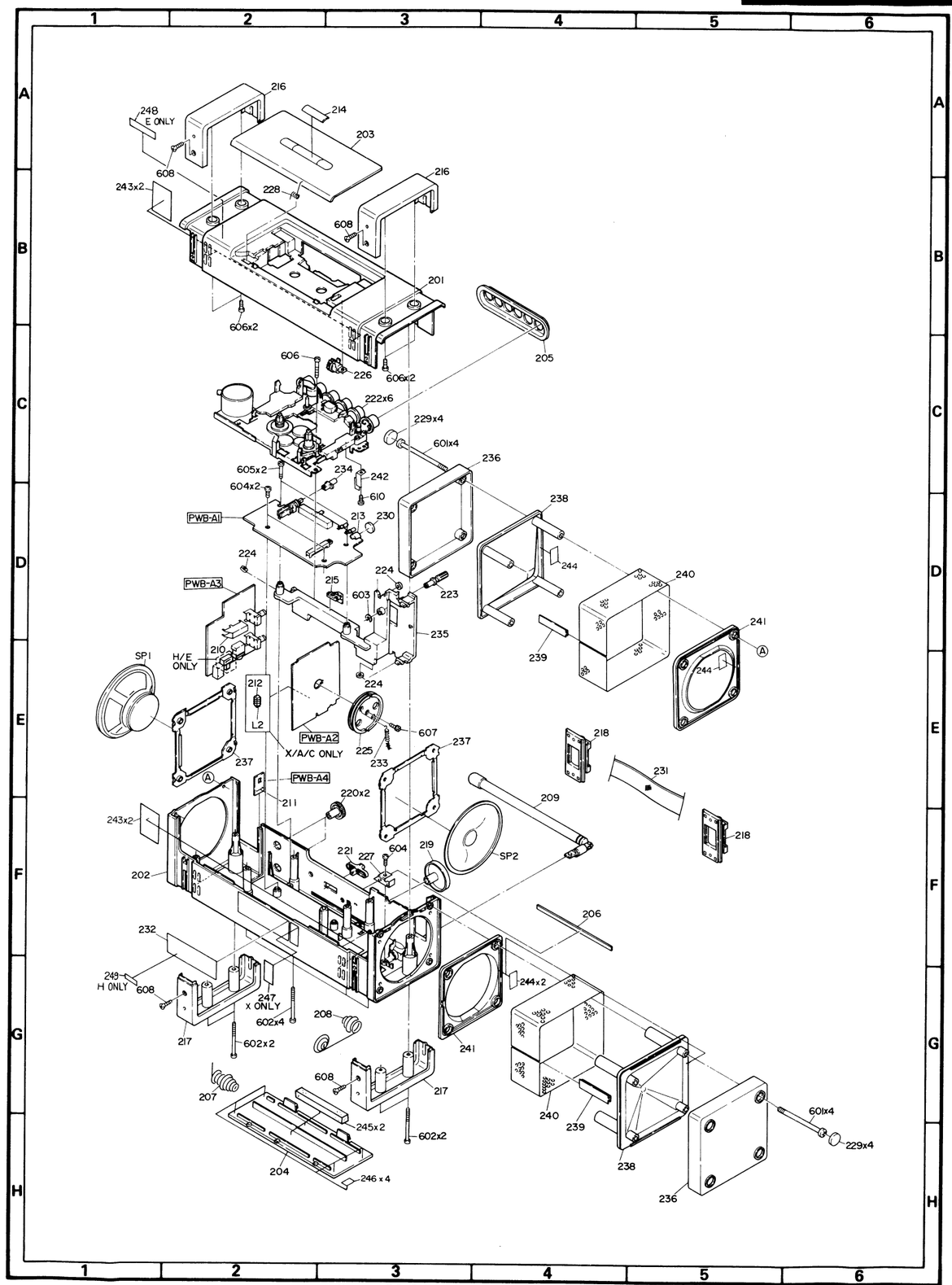


Figure 21 CABINET EXPLODED VIEW

Ⓔ REPLACEMENT PARTS LIST

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

Ⓓ ERSATZTEILLISTE

"BESTELLEN VON ERSATZTEILEN"

Um Ihren Auftrag schnell und richtig ausführen zu können, bitten wir um diefolgenden Angaben.

1. MODELLNUMMER
2. REF. NR.
3. TEIL NR.
4. BESCHREIBUNG

Ⓕ LISTE DES PIÈCES DE RECHANGE

"COMMENT COMMANDER DES PIÈCES DE RECHANGE"

Pour voir votre commande exécutée de manière rapide et correcte, veuillez fournir les renseignements suivants.

1. NUMÉRO DU MODÈLE
2. N° DE RÉFÉRENCE
3. N° DE LA PIÈCE
4. DESCRIPTION

REF.NO.	PART NO.	DESCRIPTION	CODE
INTEGRATED CIRCUITS			
IC1	VHiTA7378P/-1	FM Front End,TA7378P	A G
IC2	VHiTA8110AP-1	FM/AM IF,TA8110AP	A M
IC3	VHiTA7343AP-1	PLL FM MPX.,TA7343AP	A H
IC101	VHiBA3312N/-1	Pre.AMP.,BA3312N	A F
IC102	VHiTA7769P/-1	Power AMP.,TA7769P	A H
TRANSISTORS			
Q101	VS2SC1815GR-1	Silicon,NPN,2SC1815 GR	A C
Q401	VS2SC1815GR-1	Silicon,NPN,2SC1815 GR, H/E Only	A C
DIODES			
D2	VHD1N4148//-1	Silicon,1N4148	A A
D3	92LLED-SLR54VR	LED,Red,SLR54VR	A C
D4	92LLED-SLR54VR	LED,Red,SLR54VR	A C
D101	VHERD6R8JB2-1	Zener,6.8V,RD6.8JB2	A B
D102	VHD1SS133//-1	Silicon,1SS133	A A
D104	VHD1N4148//-1	Silicon,1N4148	A A
D105	VHD1N4148//-1	Silicon,1N4148	A A
FILTERS			
CF1	RCiLA0620AFZZ	FM Band Pass Filter	A D
CF2	RFiLF0080AFZZ	FM IF,10.7 MHz	A F
CF3	RFiLA0057AFZZ	AM IF,455 kHz,H/X/A/C	A D
CF3	92LFiLT-774A	AM IF,468 kHz,E	A D
TRANSFORMERS			
T1	92LiFT-666A	FM IF	A D
T2	92LiFT-666B	FM Detector	A D
T3	92LiFT-666C	AM IF	A D
COILS			
L1	92LCōiLō-523A	FM RF	A A
L2	RCiLB0463AFZZ	FM Oscillator,X/A/C	A A
L2	RCiLB0628AFZZ	FM Oscillator,H/E	A C
L3	92LCōiLA-967A	AM Bar Antenna	A M
L4	92LCōiLō-666A	AM Oscillator	A A
L401	VP-CU561K0000	560 μH,H/E Only	A B
CONTROLS			
VC1~4	RVC-R0085AFZZ	Variable Capacitor with Trimmer	A P
VR1	RVR-M0216AFZZ	10 kohm (B),Semi-VR	A B
VR101	RVR-A0230AFZZ	50 kohms (A),Tone	A E
VR102	RVR-B0340AFZZ	20 kohms (B),Volume	A F

REF.NO.	PART NO.	DESCRIPTION	CODE
ELECTROLYTIC CAPACITORS			
(All electrolytic capacitors are ±20% type.)			
C12	RC-GZA474AF1H	0.47 μF,50V	A B
C17	RC-GZA226AF1C	22 μF,16V	A B
C23	RC-GZA106AF1C	10 μF,16V	A B
C24	RC-GZA105AF1H	1 μF,50V	A B
C25	RC-GZA335AF1H	3.3 μF,50V	A B
C27	RC-GZA105AF1H	1 μF,50V	A B
C28	RC-GZA227AF1A	220 μF,10V	A B
C31,32	RC-GZA105AF1H	1 μF,50V	A B
C103,104	RC-GZA336AF1C	33 μF,16V	A B
C113,114	RC-GZA106AF1C	10 μF,16V	A B
C115	RC-GZA476AF1A	47 μF,10V	A B
C116	RC-GZA105AF1H	1 μF,50V	A B
C127	RC-GZA337AF1A	330 μF,10V	A B
C128	RC-GZA477AF1A	470 μF,10V	A B
C129,130	RC-GZA476AF1A	47 μF,10V	A B
C131,132	RC-GZA107AF1A	100 μF,10V	A B
C133,134	RC-GZA227AF1A	220 μF,10V	A B
C137	RC-GZA107AF1C	100 μF,16V	A B
C138	RC-GZV228AF1C	2200 μF,16V	A B
C140	RC-GZA107AF1A	100 μF,10V	A B
C142	RC-GZA106AF1C	10 μF,16V	A B
C201	RC-GZA104AF1H	0.1 μF,50V	A B
C202	RC-GZA476AF1A	47 μF,16V	A B
C255,256	RC-GZA104AF1H	0.1 μF,50V	A B
C408	RC-GZA227AF1C	220 μF,16V,H/E Only	A C
CAPACITORS			

There are two types of capacitors available and they can be identified from each other by reading their Part Numbers.

- Ceramic type capacitor;
  A symbol "C" or "K" is given at the 3rd digit of its Part Number like "VCC (or K)·····J."
- Semiconductor type capacitor;
  A symbol "T" is given at the 3rd digit of its Part Number like "VCT·····J."

The capacitance error of each capacitor is indicated by the symbol given at the 13th digit of the Part Number as follows:"J" (±5%), "K" (±10%), "M" (±20%), "N" (±30%), "C" (±0.25 pF), "D" (±0.5 pF), "Z" (+80−20%).

C1	VCCSPA1HL100J	10 pF,50V	A A
C2	VCKYPA1HB102K	0.001 μF,50V	A A
C3	VCCSPA1HL5R0C	5 pF,50V	A A
C4	VCCCPA1HH220J	22 pF (CH),50V,X/A/C	A A
C4	VCCCPA1HH270J	27 pF (CH),50V,H/E	A A
C5	VCCCPA1HH150J	15 pF (CH),50V	A A
C6	VCCRPA1HH220J	22 pF (RH),50V,X/A/C	A A
C6	VCCRPA1HH270J	27 pF (RH),50V,H/E	A A
C7	VCCCPA1HH3R0C	3 pF (CH),50V	A A
C8,9	VCTYPA1EX223M	0.022 μF,25V	A A

REF.NO.	PART NO.	DESCRIPTION	CODE
C10	VCTYPA1EX103K	0.01 μF,25V	A A
C11	VCTYPA1HV472K	0.0047 μF,50V	A A
C14	VCTYPA1EX223M	0.022 μF,25V	A A
C15	VCKYPA1HB102K	0.001 μF,50V	A A
C16	VCTYPA1EX333M	0.033 μF,25V	A A
C18	VCTYPA1EX223M	0.022 μF,25V	A A
C21	VCTYPA1EX223M	0.022 μF,25V	A A
C22	VCCRPA1HH8R0D	8 pF (RH),50V	A A
C26	VCQSMV1HL102J	0.001 μF,50V,Styrol	A B
C29,30	VCTYPA1EX223M	0.022 μF,25V	A A
C33,34	VCTYPA1EX223M	0.022 μF,25V	A A
C37	VCKZPA1HF223Z	0.022 μF,50V,H/E Only	A A
C101,102	VCKYPA1HB102K	0.001 μF,50V	A A
C105,106	VCKYPA1HB102K	0.001 μF,50V,X/A/C	A A
C105,106	VCKYPA1HB152K	0.0015 μF,50V,H/E	A A
C107,108	VCKYPA1HB221K	220 pF,50V	A A
C109,110	VCKYPA1HB102K	0.001 μF,50V	A A
C111,112	VCTYPA1EX333M	0.033 μF,25V	A A
C117,118	VCTYPA1EX223M	0.022 μF,25V	A A
C119,120	VCTYPA1EX332K	0.0033 μF,25V	A A
C121,122	VCTYPA1EX104M	0.1 μF,25V	A A
C123,124	VCCSPA1HL470J	47 pF,50V	A A
C125,126	VCKYPA1HB102K	0.001 μF,50V	A A
C135,136	RC-QZA154AFYK	0.15 μF,50V,Mylar	A C
C139	VCTYPA1EX223M	0.022 μF,25V	A A
C253,254	VCTYPA1EX473M	0.047 μF,25V	A A
C401,402	VCKYPA1HB390K	390 pF,50V,H/E Only	A A
C403	VCQPKV2AA272J	0.0027 μF,100V, Polypropylene,H/E Only	A B
C404	VCKYPA1HB681K	680 pF,50V,H/E Only	A A
C405	VCFYHA1HA563J	0.056 μF,50V,Thin Film,H/E Only	A B
C406	VCQPKV2AA153J	0.015 μF,100V, Polypropylene,H/E Only	A B
C407	VCQYVA1HA472J	0.0047 μF,50V,Mylar,H/E Only	A A
C409	VCKYPA1HB821K	820 pF,50V,H/E Only	A A

RESISTORS

(Unless otherwise specfifed, resistors are ±5%,carbon type.)

R1	VRD-ST2CD100J	10 ohm,1/6W	A A
R2	VRD-ST2CD470J	47 ohms,1/6W	A A
R3,4	VRD-ST2CD104J	100 kohm,1/6W	A A
R5	VRD-ST2CD103J	10 kohm,1/6W,H/E	A A
R5	VRD-ST2CD562J	5.6 kohms,1/6W,X/A/C	A A
R6,7	VRD-ST2CD101J	100 ohm,1/6W	A A
R8	VRD-ST2CD472J	4.7 kohms,1/6W	A A
R9	VRD-ST2CD470J	47 ohms,1/6W	A A
R10	VRD-ST2CD102J	1 kohm,1/6W	A A
R11	VRD-ST2CD682J	6.8 kohms,1/6W	A A
R12	VRD-ST2CD561J	560 ohms,1/6W	A A
R13	VRD-ST2CD390J	39 ohms,1/6W	A A
R14	VRD-ST2CD560J	56 ohms,1/6W	A A
R15,16	VRD-ST2CD272J	2.7 kohms,1/6W	A A
R17,18	VRD-ST2CD272J	2.7 kohms,1/6W,X/A/C Only	A A
R20	VRD-ST2CD152J	1.5 kohms,1/6W	A A
R21	VRD-ST2CD224J	220 kohms,1/6W	A A
R25	VRD-ST2CD331J	330 ohms,1/6W	A A
R101,102	VRD-ST2CD822J	8.2 kohms,1/6W	A A
R103,104	VRD-ST2CD121J	120 ohms,1/6W	A A
R105,106	VRD-ST2CD103J	10 kohm,1/6W,H/E	A A
R105,106	VRD-ST2CD123J	12 kohms,1/6W,X/A/C	A A
R107,108	VRD-ST2CD393J	39 kohms,1/6W,X/A/C Only	A A
R109,110	VRD-ST2CD392J	3.9 kohms,1/6W	A A
R113,114	VRD-ST2CD330J	33 ohms,1/6W	A A
R115,116	VRD-ST2CD562J	5.6 kohms,1/6W	A A
R117,118	VRD-ST2CD104J	100 kohm,1/6W,X/A/C	A A
R117,118	VRD-ST2CD823J	82 kohms,1/6W,H/E	A A
R119,120	VRD-ST2CD472J	4.7 kohms,1/6W	A A
R121	VRD-ST2CD101J	100 ohm,1/6W	A A
R122	VRD-ST2CD125J	1.2 Mohms,1/6W	A A
R123,124	VRD-ST2CD332J	3.3 kohms,1/6W	A A
R127,128	VRD-ST2CD472J	4.7 kohms,1/6W	A A
R129,130	VRD-ST2CD181J	180 ohms,1/6W	A A
R131,132	VRD-ST2CD101J	100 ohm,1/6W	A A
R133	VRD-ST2CD681J	680 ohms,1/6W	A A
R135	VRD-ST2CD102J	1 kohm,1/6W	A A
R136	VRD-ST2CD820J	82 ohms,1/6W	A A
R137	VRD-ST2CD121J	120 ohms,1/6W	A A
R138	VRD-ST2CD222J	2.2 kohms,1/6W	A A
R141,142	VRD-ST2CD472J	4.7 kohms,1/6W,H/E Only	A A
R201～203	VRD-ST2CD102J	1 kohm,1/6W	A A
R204	VRD-ST2CD272J	2.7 kohms,1/6W	A A
R251,252	VRD-ST2CD682J	6.8 kohms,1/6W	A A
R253～256	VRD-ST2CD222J	2.2 kohms,1/6W	A A
R301～303	VRD-ST2EE1R5J	1.5 ohms,1/4W	A A
R401～404	VRD-ST2EE100J	10 ohm,1/4W,H/E Only	A A
R405	VRD-ST2EE220J	22 ohms,1/4W,H/E Only	A A
R406	VRD-ST2CD683J	68 kohms,1/6W,H/E Only	A A
R407	VRD-ST2CD273J	27 kohms,1/6W,H/E Only	A A

OTHER CIRCUITRY PARTS

BI101-A,B	92LCŌNE-1086A	Connector Ass'y,7Pin,H/E	A H
BI101-A,B	92LCŌNE-967D	Connector Ass'y,5Pin,X/A/C	A C
CNP101	QCNCM742CAFZZ	Pulg,3Pin,X/A/C	A A
CNP101	QCNCM742EAFZZ	Pulg,5Pin,H/E	A B
CNP103	QCNCM742EAFZZ	Pulg,5Pin	A B
CNP105	QCNCW585EAFZZ	Pulg,5Pin	A B
CNP106	QCNCW585FAFZZ	Pulg,6Pin	A B
CNP107	QCNCM742BAFZZ	Pulg,2Pin,H/E Only	A A
CNP109	QCNCM742BAFZZ	Pulg,2Pin	A A
CNP110	QCNCM742CAFZZ	Pulg,3Pin	A A
CNS101	9LM-CŌNE1086A	Connector Ass'y,5Pin,H/E	A H
CNS101	92LM-CŌNE967A	Connector Ass'y,3Pin,X/A/C	A E
CNS103	92LM-CŌNE967B	Connector Ass'y,5Pin	A E
CNS107	92LCŌNE-1186C	Connector Ass'y,2Pin,H/E Only	A D
CNS109	92LCŌNE-967B	Connector Ass'y,2Pin	A C
CNS110	92LCŌNE-967A	Connector Ass'y,3Pin	A D
J101	QJAKJ0165AFZZ	Jack,Headphones	A H
J102	92LJACK-262A	Jack,External DC Power Input,H/E	A E
J102	92LJACK-967A	Jack,External DC Power Input,X/A/C	A E
M1	92LMŌT967A-ASY	Motor with Pulley	A U
SP1,2	92LSP-967A	Speaker	A Q
SW101	QSW-S0759AFZZ	Switch,Slide Type	A E
SW102	QSW-S0760AFZZ	Switch,Slide Type,Function	A F
SW103	92LSWiCH-967D	Switch,Push Type,Bass Boost	A M
SW201	QSW-F0136AFZZ	Switch,Skeleton Type	A D
SW401	92LSWiCH-414C	Switch,Slide Type,Beat Cancel/FM Mode,H/E Only	A F

MECHANICAL PARTS

1	LANGT1589AFFW	Bracket,Motor	A B
3	LBSHZ0086AFZZ	Cushion,Motor	A A
4	LCHSS0245AFFW	Sub Chassis	A B
5	LDAiH0069AF00	Head Base,X/A/C	A B
5	LDAiH0070AF00	Head Base,H/E	A B
6	LHLDW1075AFZZ	Nylon Band,60mm	A A

REF.NO.	PART NO.	DESCRIPTION	CODE
7	92LM-RPA719A	Reel Plate Ass'y	A F
8	LPLTM0205AFFW	Back Plate	A B
9	LRTNP0058AFZZ	Stopper	A A
11	92LM-PGLA719A	Play Gear Lever Ass'y	A B
12	MLEVF2096AFFW	Lever,Record	A C
13	MLEVF2097AFFW	Lever,Play	A C
14	MLEVF2098AFFW	Lever,Rewind	A C
15	MLEVF2099AFFW	Lever,Fast Forward	A C
16	MLEVF2100AFFW	Lever,Stop	A C
17	92LM-PLA967A	Pause Lever Ass'y	A E
18	MLEVF2102AFFW	Lever,Lock	A B
19	MLEVF2052AFFW	Lever,Sensor	A A
20	MLEVF2053AFFW	Lever,Pause Action	A A
21	MLEVF2054AFFW	Lever,Fast Forward/ Rewind Prevention	A A
22	MLEVF2055AFFW	Lever,Head Back	A A
23	MLEVF2056AFFW	Lever,Eject Action	A A
25	92LM-FRRA719A	Roller Ass'y,Fast Forward/ Rewind	A E
26	MLEVP0758AF00	Lever,Erase Head,X/A/C Only	A A
27	MLEVP0759AF00	Lever,Lock Release	A A
28	MLEVP0760AF00	Lever,Erase Prevention	A A
29	MLEVP0776AF00	Lever,Holder Lock	A A
30	MLEVP0762AF00	Latch Plate	A A
31	MLEVP0763AF00	Tip,Sensor	A A
33	MSPRC0458AFFJ	Spring,Pause Lock Lever	A A
36	MSPRC0691AFFJ	Spring,Supply Reel	A A
37	MSPRC0692AFFJ	Spring,Take-up Reel	A A
38	MSPRC0693AFFJ	Spring,Azimuth	A A
39	MSPRT1331AFFJ	Spring,Rewind Lever Return	A A
40	MSPRD0902AFFJ	Spring,Stop Lever Return	A A
41	MSPRD0877AFFJ	Spring,Pinch Roller	A A
42	MSPRD0878AFFJ	Spring,Ground	A A
43	MSPRP0533AFFW	Plate Spring,Cassette Press	A A
45	MSPRT1329AFFJ	Spring,Fast Forward/ Rewind Roller Lever	A A
46	MSPRT1309AFFJ	Spring,Holder Lock Lever	A A
47	MSPRT1310AFFJ	Spring,Overstroke	A A
48	MSPRT1365AFFJ	Spring,Play Lever	A A
49	MSPRT1312AFFJ	Spring,Record Lever	A A
50	MSPRT1313AFFJ	Spring,Lock Release Lever	A A
51	MSPRT1315AFFJ	Spring,Lock Plate	A A
52	NBLTK0397AFZZ	Belt,Drive/Fast Forward/ Rewind	A B
56	92LM-TRA719A	Take-up Reel Ass'y	A D
57	NDAiR0217AF00	Reel,Supply	A A
58	92LM-FWA967A	Flywheel Ass'y	A D
60	NGERH0245AF00	Gear,Play	A A
61	NGERH0246AF00	Gear,Fast Forward	A A
67	92LM-PRA719A	Pinch Roller Ass'y	A D
82	92LM-ER-HD197A	Head,Erase,H/E	A H
82	92LM-ER-HD523A	Head,Erase,X/A/C	A F
83	92LM-RP-HD297B	Head,Record/Playback	A Q
84	92LM-LGA719A	Lever Guide Ass'y	A E
85	MLEVF2075AFFW	Plate,Prevention	A A
88	MSPRD0891AFFJ	Spring,Erase Head Press, X/A/C Only	A A
89	MSPRT1333AFFJ	Spring,Pause Lever Return	A A
90	MSPRT1332AFFJ	Spring,Ground	A A
91	MSPRT1364AFFJ	Spring,Play Gear Lever	A A
92	MSPRT1372AFFJ	Spring,Fast Forward Lever Return	A A
502	LX-BZ0451AFFD	Screw,ϕ3×7mm	A A
503	LX-WZ1076AF00	Washer,ϕ2.1×ϕ4.1×0.25mm	A A
508	XWHJZ23-05044	Washer,ϕ2.3×ϕ4.4×0.5mm	A A
509	XWHSD21-05060	Washer,ϕ2.1×ϕ6×0.5mm, X/A/C Only	A A
510	LX-WZ9066AFZZ	Washer,ϕ1.2×ϕ3.2×0.5mm	A A
511	XHBSD20P09000	Screw,ϕ2×9mm	A A
512	XBBSD20W08000	Screw,ϕ2×8mm	A A
513	XHBSD20P05000	Screw,ϕ2×5mm,X/A/C Only	A A
515	LX-WZ1152AFZZ	Washer,Take-up Reel	A A
516	LX-WZ9064AFZZ	Washer,ϕ1.5×ϕ3.8×0.5mm	A A
517	XHBSD20P04000	Screw,ϕ2×4mm	A A
518	XJBSD20P05000	Screw,ϕ2×5mm	A A
519	XHBSD20P06000	Screw,ϕ2×6mm	A A
520	LX-WZ1149AFZZ	Washer,ϕ1.8×ϕ3.4×0.5mm	A A

CABINET PARTS

REF.NO.	PART NO.	DESCRIPTION	CODE
201	92LCAB967A	Front Cabinet,(Y)	A Q
201	92LCAB969A	Front Cabinet,(BL)	A Q
201	92LCAB970A	Front Cabinet,(R)	A Q
201	92LCAB971A	Front Cabinet,(W)	A Q
202	92LCAB1086B	Rear Cabinet,H/E (Y)	A S
202	92LCAB1089B	Rear Cabinet,H/E (R)	A S
202	92LCAB967B	Rear Cabinet, A/C (Y)	A S
202	92LCAB969B	Rear Cabinet,X/A/C (BL)	A S
202	92LCAB970B	Rear Cabinet,X/A/C (R)	A S
202	92LCAB971B	Rear Cabinet, A/C (W)	A S
203	92LCT-HōLD967A	Holder,Cassette,(Y)	A H
203	92LCT-HōLD969A	Holder,Cassette,(BL)	A H
203	92LCT-HōLD970A	Holder,Cassette,(R)	A H
203	92LCT-HōLD971A	Holder,Cassette,(W)	A H
204	92LLiD-967A	Lid,Battery Compartment, (Y)	A F
204	92LLiD-969A	Lid,Battery Compartment, (BL)	A F
204	92LLiD-970A	Lid,Battery Compartment, (R)	A F
204	92LLiD-971A	Lid,Battery Compartment, (W)	A F
205	92LCōV967C	Cover,Mechanism Button	A C
206	92LWiND666A	Window,Dial	A A
207	92LBSPR967B	Spring,Battery (-)	A C
208	92LBSPR967A	Spring,Battery (+,-)	A C
209	92LR-ANT967A	Rod Antenna	A T
210	PRDAR0284AFZZ	Heat Sink	A A
211	92LBTML667A	Terminal,Battery(+)	A A
212	PCUSU0128AFZZ	Cushion,Coil,X/A/C Only	A A
213	92LiN-MiC-967A	Built-in Microphone	A E
214	92LCT-CōV967A	Window,Cassette Holder	A N
215	92LPiNT717A	Dial Pointer	A B
216	92LHōLD967A	Fram,Belt,Front	A E
217	92LHōLD967B	Fram,Belt,Rear	A F
218	92LHōLD967C	Holder,Belt	A E
219	92LKNōB967A	Knob,Tuner	A B
220	92LKNōB967B	Knob,Tone/Volume	A B
221	92LKNōB967C-YW	Knob,Function,(Y)	A B
221	92LKNōB969C-BL	Knob,Function,(BL)	A B
221	92LKNōB970C-RD	Knob,Function,(R)	A B
221	92LKNōB971C-WH	Knob,Function,(W)	A B
222	92LM-BUTōN967A	Button,Mechanism	A B
223	92LSHAFT262A	Shaft,Tuning	A P
224	92LRōLL009	Pulley	A B
225	92LWHEL666A	Drum	A C

REF.NO.	PART NO.	DESCRIPTION	CODE
226	92LDAMPER297A	Damper	A E
227	92LSUPT967C	Terminal,Rod Antenna	A C
228	92LCSPR967A	Spring,Cassette Up	A A
229	92LCUSN967A	Cushion,Decoration	A B
230	92LCUSN751A	Cushion,Built-in Mic.	A A
231	UBNDS0081AFSA	Carrying Belt with Clip	A K
232	92LSPEC1076A	Label,Specifications,C (Y)	A C
232	92LSPEC1078A	Label,Specifications,C (BL)	A C
232	92LSPEC1079A	Label,Specifications,C (R)	A C
232	92LSPEC1080A	Label,Specifications,C (W)	A C
232	92LSPEC1083A	Label,Specifications,X (BL)	A C
232	92LSPEC1084A	Label,Specifications,X (R)	A C
232	92LSPEC1086A	Label,Specifications,H (Y)	A C
232	92LSPEC1089A	Label,Specifications,H (R)	A C
232	92LSPEC1091A	Label,Specifications,E (Y)	A C
232	92LSPEC1094A	Label,Specifications,E (R)	A C
232	92LSPEC1096A	Label,Specifications,A (Y)	A C
232	92LSPEC1098A	Label,Specifications,A (BL)	A C
232	92LSPEC1099A	Label,Specifications,A (R)	A C
232	92LSPEC1100A	Label,Specifications,A (W)	A C
233	92LCSPR035	Dial Cord Ass'y	A A
234	92LKNOB967D	Knob,Bass Boost	A A
235	92LS-CHS967A	Frame,Tuner	A D
236	92LCOV967B	Cover,Diffuser Bord,(Y)	A G
236	92LCOV969B	Cover,Diffuser Bord,(BL)	A G
236	92LCOV970B	Cover,Diffuser Bord,(R)	A G
236	92LCOV971B	Cover,Diffuser Bord,(W)	A G
237	92LSUPT967A	Bracket,Speaker	A E
238	92LCOV967A	Diffuser Board	A E
239	92LHOLD967D	Guide,Speaker Cover	A B
240	92LSP-COV967A	Cover,Speaker	A H
241	92LCOV967D	Plate,Buffle	A D
242	92LM-SUPT967A	Lever,Record	A E
243	92LFELT967A	Felt,Unit	A A
244	92LFELT967C	Felt,Vibration	A A
245	92LCUSN967B	Cushion,Battery Compartment Lid	A A
246	92LFELT967B	Felt,Battery Compartment Lid	A A
247	92LPANEL713A	Label,MADE IN MALAYSIA,X Only	A A
248	92LLABL001A	Label,MADE IN MALAYSIA,E Only	A A
249	92LLABL172A	Label,MADE IN MALAYSIA,H Only	A A
601	LX-HZ0191AFFD	Screw,ϕ4×70mm	A A
602	92L3TSB+45BZ	Screw,ϕ3×45mm	A A
603	LX-RZ0007AFZZ	Washer,E-Ring,ϕ2.5mm	A A
604	92L3PTS+10BZ	Screw,ϕ3×10mm	A A
605	92L3PTS+20BZ	Screw,ϕ3×20mm	A A
606	92L3PTS+12BZ	Screw,ϕ3×12mm	A A
607	92LS2R6S262A	Screw,ϕ2.6×8mm	A A
608	92L3TSB+10RCB	Screw,ϕ3×10mm	A A
610	92L2S+3PZ	Screw,ϕ2×3mm	A A

REF.NO.	PART NO.	DESCRIPTION	CODE
		ACCESSORIES/PACKING PARTS	
	————	Parts of 231 (Carring Belt with Clip)	—
	92LBAG002B	Polyethylene Bag, Operation Manual,H/E/A/X	A B
	92LBAG967A	Polyethylene Bag,Unit	A B
	92LG-CARD029B	Warranty Card,E	A C
	92LG-CARD131C	Warranty Card,H	A C
	92LG-CARD286A	Warranty Card,X	A C
	92LG-CARD632A	Warranty Card,A	A C
	92LiNST1076A	Operation Manual,C	A C
	92LiNST1081A	Operation Manual,X	A E
	92LiNST1086A	Operation Manual,H	A E
	92LiNST1091A	Operation Manual,E	A C
	92LiNST1096A	Operation Manual,A	A C
	92LLABL1081A	Label,Feature,E/X/A	A D
	92LLABL967A	Label,Feature,H/C	A D
	92LP-AD967A	Packing Add.	A D
	92LP-CASE1076A	Packing Case,C (Y)	A R
	92LP-CASE1078A	Packing Case,C (BL)	A R
	92LP-CASE1079A	Packing Case,C (R)	A R
	92LP-CASE1080A	Packing Case,C (W)	A R
	92LP-CASE1083A	Packing Case,X (BL)	A R
	92LP-CASE1084A	Packing Case,X (R)	A R
	92LP-CASE1086A	Packing Case,H (Y)	A R
	92LP-CASE1089A	Packing Case,H (R)	A R
	92LP-CASE1091A	Packing Case,E (Y)	A R
	92LP-CASE1094A	Packing Case,E (R)	A R
	92LP-CASE1096A	Packing Case,A (Y)	A R
	92LP-CASE1098A	Packing Case,A (BL)	A R
	92LP-CASE1099A	Packing Case,A (R)	A R
	92LP-CASE1100A	Packing Case,A (W)	A R
	92LP-PAD1081A	Packing Add.,Adaptor,H/X/E	A D
	92LP-PAD1096A	Packing Add.,Adaptor,A	A E
	92LP-PAD967A	Packing Add.,Adaptor,C	A E
	92LPLUG027A	Plug,AC Adaptor,X Only	A D
	RADPA3101AFZZ	AC Adaptor,C	A T
	92LEP-S360A	AC Adaptor,A	B C
	92LEP-S360E	AC Adaptor,E	B D
	92LEP-S360H	AC Adaptor,H	B C
	92LEP-S360X	AC Adaptor,X	B C
		P.W.B. ASSEMBLY (Not Replacement Item)	
PWB-A1~4	92LPWB1076MANS	Main/Tuner/Power/Battery,C (Combined Ass'y)	—
PWB-A1~4	92LPWB1086MANS	Main/Tuner/Power/Battery,H (Combined Ass'y)	—

REF.NO.	PART NO.	DESCRIPTION	CODE
PWB-A1~4	92LPWB1091MANS	Main/Tuner/Power/ Battery,E (Combined Ass'y)	—
PWB-A1~4	92LPWB1096MANS	Main/Tuner/Power/ Battery,A (Combined Ass'y)	—

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